JUL 2 5 2001

Mr. Clifford Firstenberg, Project Manager
Chemical Land Holdings, Inc.
Two Tower Center Boulevard, 16th Floor
East Brunswick, NJ 08816

Re: Two Status Meeting Requests
No. 1: Sediment Transport - Data, Analysis and Modeling
No. 2: CSO Sampling

Dear Mr. Firstenberg:

Your letter of 16 February 2001 stated that "... we *[CLH]* request to meet with the Agency, separately on each topic or together ... , so that we can devise a mutually-agreeable plan to continue with this requisite RI/FS work."

As discussed on July 11, at a break in the Dredged Material Management Interagency Working Group meeting at the Hudson River Foundation, I suggest that we jointly convene two separate technical meetings, one on sediment transport and the second on CSO sampling.

Status Meeting No. 1: Sediment Transport - Data, Analysis and Modeling

I have reviewed the sediment transport modeling correspondence (see Table 1), and believe it would be beneficial to have a technical meeting, to address the status of your team's understanding and findings regarding sediment transport in the Passaic River system.

Since any modeling work includes much more than just bench marking and applying a computational code (e.g. the Army Corps of Engineer's STUDH/SED2D model), I anticipate your consultants have continued to analyze historical hydrologic, hydrodynamic, sediment quality and water quality data in addition to the data collected for this project beyond what was reported in the October 1996 Status Report entitled:

"Passaic River Study Area – Sediment Mobility Modeling:
Calibration and Verification TABS-2 (RMA-2 and STUDH)".

In order to move the project forward, EPA has already verbally requested such additional information, so that we all have access to the relevant data. In particular, CLH should provide to EPA any data relevant to the sediment modelling effort that have been collected as part of the "environmental studies" cited on CHL's Passaic River Restoration Initiative website (www.prri.org 07/16/2001).

As we both heard on June 14, 2001 at the World Trade Center conference:

> **"Making the Vision a Reality: A conference on Priorities for Implementing the NY/NJ Harbor Estuary (HEP) Program"**

several HEP stakeholders expressed a keen recognition of the importance that the contaminated sediment issues of the Passaic River's be addressed, so that the identified problems in Newark Bay and beyond can be approached. I came away from the conference, even more convinced of the need to make sure our collective efforts on the Passaic are well coordinated, to the extent possible, with the HEP, since some of the issues facing Newark Bay and beyond can only be addressed by understanding the importance of both upstream and downstream sources and sinks. Hence it is imperative that we take advantage of the information and engineering tools that are being developed by HEP, especially since both USEPA and CLH expect that additional potentially responsible parties (PRPs) be named.

Also, discussed at the conference, HEP is having a comprehensive state-of-the-art hydrodynamic/sediment transport/water quality/sediment quality/ food chain model developed for the entire Harbor Estuary system (including the Passaic). We'd like to learn the current status of your food web model efforts as reported in your meeting notes of the 15 June, 2000 which indicated (page 5) that:

> "Wolfskill explained that a food web model is being developed and will be used to evaluate uptake of chemicals."

Once agreed to, I suggest that we jointly develop an agenda that addresses at least the following:

- Review of data collection program
- Data Analysis and Synthesis
- Review of Model Approach and Assumptions

If this is acceptable to CLH, please provide dates when your Sediment Transport team might be available for a meeting at our offices in NYC.

Status Meeting No. 2: CSO Sampling

Also discussed at the June 14 WTC HEP-conference was the importance of source control, both within a study area and also the impact of upstream and downstream point and non-point sources on boundary conditions. CLH's CSO sampling program is structured to primarily address within study area point sources. At our meeting early this year in Edison which was attended by EPA, CLH, BBL, PVSC, GLEC, and others several issues arose that are still not fully resolved. Before we meet, I will coordinate with you a final agenda which will include among the topics:

- CLH trial data collection program results
- Applicability of HEP/CARP methods to Superfund
- Sampling strategy: duration, flow weighted compositing, etc.
- PVSC CSO update
- City of Newark CSO update

If this is acceptable to CLH, please provide dates when your CSO team might be available for a meeting at our offices in NYC.

Sincerely,

Richard P. Winfield, P.E., Remedial Project Manager
Emergency & Remedial Response Division

Copy:
J. Conetta
S. Jaffess

Table 1
Sediment Transport Modeling: Summary of Correspondence

DATE	DOC ID	Author	TITLE	No. of Pages	No. of Attach-ments
07/23/2001	ST01-30	USEPA Winfield	Fax Transmittal of 12/26/2001 USACE-WES 12/26/2000 (ST00-40)	1	1 (3pp)
02/16/2001	ST01-20	CLH Firstenberg	Response to January 30, 2001 EPA Letter	8	0
01/30/2001	ST01-10	USEPA Conetta	Schedule for Further Activities Diamond Alkali Superfund Site - PRSA	4	0
12/26/2000	ST00-40	USACE-WES RIchardson	Difficulty Basic Test Cases – Mass Conservation	2	1
10/31/2000	ST00-35b	CLH	Transmittal Letter for ST00-35a	3	
10/18/2000	ST00-35a	CLH Krone/Simons	Memo: Discussion of Mass Conservation Issues	7	A (5pp) B((7pp)
09/28/2000	ST00-32	USACE-WES Ms. Donnel	e-mail to CLH	?	
6/27/2000	ST00-30	USACE-WES Letter	CD-ROM Transmittal	1	1
06/19/2000	ST00-25	CLH	Meeting Notes – Sediment Transport Modeling – Meeting 06/25/2000	2	1 @ 6pp.
06/15/2000	ST00-20	MEETING at EPA	Notes: Letter [USACE] Jafess-Conetta-Nyman-Balla [EPA] | Wolfskill-Krone-Firstenberg [CLH] | Simons – Farley – Thiagaram [TAMS]	6	
03/16/2000	ST00-10	USEPA	Sediment Transport Model: transmittal of STUDH-2000 Beta: A User's Manual for, STUDH, A Generalized Computer Program for Two-Dimensional Vertically Averaged Sediment Transport	2	1@ 99pp.
05/19/1999	ST99-35	CLH	Use of Beta Version (4.3) SED2D-WES Computer Model	2	
05/05/1999	ST99-30	USEPA	Sediment Transport Model – CLH had taken exception to the renaming of STUDH to SED2D-WES	2	
04/22/1999	ST99-25	CLH	Test Protocol for Beta Version (4.3) SED2D-WES for Discussion with WES: "Received at CLH" 04/22/1999 not clear how / when received at EPA	1	1@17pp.
03/4/1999	ST99-10	MEETING at USACE-WES	EPA/CHL /WES - notes	2	
03/4/1999	ST99-20	MEETING at USACE-WES	Agenda & Presentation at WES – Test Protocol for Evaluation of the Beta Version (4.3) SED2D-WES Computer Model – 23 SLIDES	1+24	
11/05/1998	ST98-35	CLH – Pittignano	Draft Test Protocol for Evaluation of the Beta Version (4.3) SED2D-WES Computer Model (includes #2: 11/19/1998 Krone's review letter)	2	1 @ 17 pp. 2 @ 5 pp.

DATE	DOC ID	Author	TITLE	No. of Pages	No. of Attach-ments
10/19/1998	ST98-30	CLH – Krone	SED2D-WES Code for PRStudy	5	
07/09/1998	ST98-25	CLH	Receipt of Beta Version of SED2D-WES Computer Model (Attachment referenced but not in file ????)	2	
06/26/1998	ST98-20	EPA – S.Jaffess	SED2D-WES User Manual to CLH	1	
06/24/1998	ST98-15	EPA – S.Jaffess	USGS bibliography & data	1	0
04/22/1998	ST98-10	ACE – J.V. Letter	SED2D-WES Version 4.3 Beta [STUDH] – Users Manual	2	1
10/25/1996	ST96-40	CLH-Burton	Calibration and Verification Status Report – PRSA	2	3 see below
10/25/1996	ST96-45 a,b,c	CLH-author not stated	Passaic River Study Area – Sediment Mobility Modeling – Calibration and Verification TABS-2 (RMA-2 and STUDH) – Status Report	3 Volumes	
09/16/1996	ST96-35	CLH-Burton	Calibration and Verification Status Report - PRSA	3	1
09/06/1996	ST96-30	USEPA - Evangelista	Sediment Mobility Study – PRSA	1	
09/03/1996	ST96-25	CLH-Burton	Fax: Action Itemss: STUDH Bed Structure Accounting Code Correction	2	
08/22/1996	ST96-20	CLH-Burton	Sediment Mobility Study PRSA	4	
08/02/1996	ST96-??	CLH	-Referenced in 10/25/1996 correspondence	?	
11/30/1993	ST93-20	USACE-WES - Herrmann	Technical Review of the Proposed Scope of Work for Sediment Transport Modeling (Memorandum by Letter)	8	
09/20/1993	ST93-??	USEPA	09/20/1993 – Referred to in USACE 11/30/1993	?	
09/17/1993	ST93-??	Maxus Energy Corp.	09/17/1993 – Referred to in USACE 11/30/1993	?	
09/16/1993	ST93-??	Woodward-Clyde.	09/16/1993 – Referred to in USACE 11/30/1993	?	
08/18/1993	ST93-??	USACE-WES	08/18/1993 – Referred to in USACE 11/30/1993	?	
08/18/1993	ST93-??	Meeting at USACE-WES		?	
07/1985	ST85-10	USACE-WES Thomas, et.al	Users Manuarl for the Generalized Computer Program System Open-Channel Flow & Sedimentation TABS-2: Final Report	35	

SEDIMENT MOBILITY PROGRESS REPORTS

12/2000	ST-PR00-12	CLH Firstenberg	Sediment Mobility – Model Testing Activity Report		
11/2000	ST-PR00-11	CLH Firstenberg	Sediment Mobility – Model Testing Activity Report		
10/2000	ST-PR00-10	CLH Firstenberg	Sediment Mobility – Model Testing Activity Report		
09/2000	ST-PR00-09	CLH Firstenberg	Sediment Mobility – Model Testing Activity Report		
08/2000	ST-PR00-08	CLH Firstenberg	Sediment Mobility – Model Testing Activity Report		